NOVEMBER/DECEMBER 2023

BECS63B — MOBILE COMPUTING

Time : Three hours Maximum : 75 marks

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SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Difference between TDMA and CDMA.
2. Define MAC Address.
3. What is the Role Physical Layer?
4. Define Hiperlan
5. What is Mobile IP?
6. Define DSR?
7. What is WAP Model?
8. Define WAP Gateway.
9. What is recovery in Database Issues?
10. What is Hoarding Techniques?

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Explain CDMA?

Or

(b) Explain Cellular Wireless Networks?

12. (a) Explain GPRS?

Or

(b) Explain Telecommunication Systems.

13. (a) Explain Routing Algorithm and Technique.

Or

(b) Explain DSR.

14. (a) Explain WAP User Agent Profile.

Or

(b) Explain WML.

15. (a) Explain Caching invalidation Mechanism.

Or

(b) Explain Mobile Location Based Services.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain dropped call rates and their evaluation.

17. Explain Wireless LAN Architecture.

18. Explain Traditional TCP.

19. Explain Wireless bearers for WAP.

20. Explain Transactional Models.

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